

ABSTRACT

A key distribution method for the next generation network (NGN), includes steps of:

(a) a terminal sending a registration request message to a soft switch; (b) the soft switch sending an authentication request message to an authentication center; (c) the authentication center authenticating the terminal, then the soft switch distributing the session key to the terminal after the registration authentication being passed. The invention implements the key distribution during the registration authentication, thus the traffic is smaller, and it could be associated with the specialties of the NGN, and improve the efficiency of solving the security problem, the registration authentication of the terminal and the distribution of the key are more suitable specifically for the NGN.

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(Fig.2)